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NPIC/TSSG/DED-1682-69

25 June 1969

MEMORANDUM FOR: Chief, Engineering Support Division, TSSG

ATTENTION: Chief, Exploratory Laboratory

SUBJECT: Request for Support

REFERENCE: (a) DED Memorandum NPIC/TSSG/DED-1532 dated 14 April 1969

1. The Chief, DED, in reference (a), requested that a set of special resolution targets be made for use in conducting subjective tests of sample rear projection screen materials. These targets were subsequently manufactured and used in the tests together with eighteen selected targets from operational imagery. The machine used to display these items was the Richardson Film Viewer located in room 2N833.

2. In order to scientifically analyze the data collected during the tests, certain precise measurements from the resolution targets, the operational imagery, and the Film Viewer must be known. Specifically, the contrast level of each of the resolution targets must be measured; three densitometer measurements, spaced more-or-less equally across each of the eighteen selected operational imagery targets, must be made; and the optical resolution of the Film Viewer (without screen) must be measured.

3. It is requested that the Chief, Exploratory Laboratory have the above enumerated measurements made and deliver the results to the DED technical monitor no later than 15 July 1969.

4. The test films may be obtained from the DED technical monitor for this project, [redacted]

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[redacted]
Chief, Development & Engineering Division, TSSG

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